

County of San Diego Department of Planning and Land Use BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Multifamily Housing

15A

Dwelling Units

PLAN CHECK NUMBER: SCOPING		OW	OWNER:	
		6.	Specify level landing – maximum 1:48 slope (2.1% gradient) in all directions – on each side of each door.	
1.	The adaptability and accessibility requirements of this correction list apply to covered multifamily dwelling units per the scoping	_	CBC 1132A.	
	provisions of accessibility correction list 1A. CBC 1128A.1	7.	Detail any elevation changes at doors complying with the following between interior and exterior floor levels: At exterior landings of impervious construction – e.g., concrete,	
ACCESSIBLE ROUTES			brick, flatwork – serving primary entry door and required exit doors, maximum ½-inch elevation change complying with CBC	
2.	Dimension minimum 36-inch-wide accessible route within each covered multifamily dwelling unit per the following: ☐ Passes through primary entry door ☐ Connects with all additional exterior doors ☐ Connects with required clear floor spaces at kitchen appliances and bathroom fixtures ☐ Provide access to all rooms and spaces within dwelling unit Exception: Accessible routes required only on primary entry level in multistory dwelling units per scoping provisions of accessibility correction list 1A Exception: Accessible route not required from interior of unit into garage if provisions of accessibility correction list 2A are met Exception: Accessible route not required from interior of unit into basement		Figure 11A-1C(d) At secondary exterior doors on to decks, patios, or balconies of impervious construction, maximum 1-inch elevation change accomplished with ramp with maximum 1:8 slope (12.5% gradient) per CBC Figure 11A-8K Exception: Maximum 4-inch elevation change with any elevation change greater than ½ inch accomplished by pedestrian ramp per accessibility correction list 4A or built up platform per CBC Figure 11A-8J At exterior landings of pervious construction – e.g., wood decking with spaces, no elevation change allowed Exception: Maximum ½-inch elevation change per CBC Figure 11A-1C(d) allowed at secondary exit doors CBC 1132A.	
	CBC 1102A.3, CBC 1130A.1, and CBC 1130A.2	8.	Detail door thresholds complying with the following per CBC Figure 11A-8I:	
3.	Accessible floors within dwelling units shall be on common level throughout or connected by at least one of the following: Pedestrian ramps per accessibility correction list 4A Passenger elevators per accessibility correction list 8A Platform/wheelchair lifts per accessibility correction list 8A Exception: Changes in level up to ¼ inch Exception: Changes in level between ¼ inch and ½ inch with maximum 1:2 slope (50% gradient) per CBC Figure 11A-1C(d) Exception: Landings at doors per item 7 CBC 1131A.1 and CBC 1131A.2	9.	 Maximum ½-inch vertical between landing and threshold Exception: Maximum ¾-inch vertical acceptable at secondary exterior doors Maximum 1:2 beveled slope (50% gradient) for changes in level between ¼ inch and ½ inch CBC 1132A.4. Dimension maneuvering clearances complying with the following at each door: Pull side of door: Width: Door width plus minimum 18 inches beyond latch 	
DO	OORS		 Depth: Minimum 42 inches perpendicular to doorway Exception: Minimum 39 inches perpendicular to 	
4.	Provide dimensions on door/gate schedule indicating all doors and gates comply with the following: Capable of opening minimum 90 degrees Minimum 32-inch clear width – 34-inch nominal door or 6-footwide sliding door acceptable – measured with door at 90-degree angle from its closed position Exception: Minimum 36-inch nominal door required at primary entry and all required exits Minimum 80-inches high Where pair of doors proposed, at least one door leaf shall provide minimum 32-inch clear width, measured with door at 90-degree angle from its closed position CBC 1126A.1 and CBC 1132A.3		doorway acceptable at doors with minimum 34-inch clear opening width Push side of door: Width: Door width Depth: Minimum 42 inches perpendicular to doorway Exception: Minimum 44 inches perpendicular to doorway required on dwelling side of primary entry door and required exit doors Exception: Minimum 39 inches perpendicular to doorway acceptable at doors with minimum 34-inch clear opening width Exception: Maneuvering clearances per accessibility correction list 6A shall apply to sides of dwelling unit doors	
5.	Where pocket doors proposed, specify on door schedule bumpers to		exposed to common-use spaces CBC 1132A.5.3	

THIS DOCUMENT IS FOR PLAN REVIEW ONLY.

CORRECTION LIST ITEMS MAY NOT BE REPRODUCED OR COPIED ON PLANS.

PROVIDE COMPLETE DETAILS, DIMENSIONS, AND NOTES TO SATISFY CORRECTION ITEMS.

CBC 1132A.8

11.	handles, pulls, latches, locks, and other operating devices complying with the following for all doors and gates: Minimum 34 inches and maximum 44 inches above floor Operable within force limits of item 14 Operable by single effort and without tight grasping, tight pinching, or twisting of the wrist CBC 1008.1.9.2 and CBC 1132A.8 Any exit door or gate with locking hardware shall operate per item 10 in direction of egress. CBC 1132A.8	 minimum 5% of covered multifamily dwelling units: Enable repositioning to minimum 28-inch height of sink and work surfaces per item 19 Removable base cabinets beneath sink and work surfaces to provide clearance for wheelchair Sides of adjacent cabinets and rear wall constructed of durable, nonabsorbent materials Finished floor beneath sink and work surfaces extending to wall Exception: Stone, cultured stone, and tile countertops may be used without meeting repositioning requirements Exception: Two minimum 15-inch-wide breadboards may be
12.	Specify lever hardware shall be curved to return within ½ inch of door to prevent catching of clothing during egress.	provided in lieu of 30-inch-long work surface CBC 1133A.4.1
	Exception: Group R and U occupancies with occupant load of ten or fewer	 Specify lower shelving and/or drawer space in kitchen at maximum 48 inches above floor.
	CBC 1132A.8.1	CBC 1133A.4.2
13.	Specify smooth, uninterrupted surface at bottom 10 inches of all doors and gates allowing opening by wheelchair footrest without creating trap or hazardous condition. Exception: Automatic or sliding doors or gates	 Specify faucet controls complying with the following: Operable with maximum 5 pounds of force Operable with one hand and without tight grasping, pinching, or twisting of wrist
	CBC 1132A.9	 Self-closing valves allowed if faucet remains open for minimum 10 seconds
14.	Specify door/gate opening force complying with the following: Maximum 8.5 pounds of force for exterior doors or gates Maximum 5 pounds of force for interior doors or gates Exception: Doors or gates with automatic or power-assist devices may be used to meet maximum force limits Exception: Required fire doors may have minimum opening force allowed by fire jurisdiction, not to exceed 15 pounds of force CBC 1132A.6	CBC 1133A.6 BATHROOM SCOPING 23. Bathrooms within dwelling units shall be configured to comply with one of the following options: Option 1: All bathrooms comply with the following: Maneuvering spaces per item 25 Bathrubs per items 26 through 29 Showers per items 30 through 36
15.	Specify buzzer, bell, or chime at maximum 48 inches above floor at primary entrance to each covered multifamily dwelling unit. CBC 1132A.10	 Water closets per items 37 through 41 Lavatories, vanities, mirrors, and towel fixtures per items 42 through 49 Accessible route into and through bathroom
KIT	CHENS	 Accessible foute into and through bathroom Accessible door into bathroom per items 4 through 13 Minimum 18-inch strike-edge clearance on pull side of any
16.	Dimension clear floor space complying with the following at each kitchen appliance and fixture: Minimum 30 inches by 48 inches allowing parallel approach to range or cooktop allowing parallel approach Minimum 30 inches by 48 inches allowing forward or parallel approach to sink, oven, dishwasher, refrigerator/freezer, trash compactor, and other appliances Clear floor space aligned with centerline of each appliance or fixture CBC 1133A.2	door swinging into bathroom Accessible switches, outlets, and controls per items 51 and 52 Reinforced walls per items 27, 33, and 39 allowing for future installation of grab bars at bathtubs, showers, and toilets Option 2: One bathroom complies with the following: Maneuvering spaces per item 25 Bathtubs per items 26 through 29 Showers per items 30 through 36 Where both bathtub and shower provided in bathroom, at
17.	Dimension clear width – measured between cabinets, countertops, or appliances – complying with the following at each kitchen: ☐ Minimum 60-inch clear width at U-shaped kitchens with range or cooktop located at base of U ☐ Minimum 48-inch clear width for all other kitchen configurations CBC 1133A.2.1	least one shall be accessible Exception: Where dwelling unit contains two or more bathrooms and accessible bathtub provided in one bathroom and shower provided in second bathroom, at least one shower shall meet provisions of items 30 through 36
	Specify base cabinets complying with the following directly beneath sink counter area: Removable to provide clearance for wheelchair Removable without specialized tool or knowledge Finished floor beneath sink counter area extending to rear wall CBC 1133A.3	 Lavatories, vanities, mirrors, and towel fixtures per items 42 through 49 Where two or more lavatories provided, at least one shall be accessible Accessible route into and through bathroom Accessible door into bathroom per items 4 through 13 Minimum 18-inch strike-edge clearance on pull side of any
19.	Specify countertops complying with the following: Minimum 30-inch length for sink installation Minimum 30-inch length for work surface Sink and work surface may be single minimum 60-inch length or separate minimum 30-inch lengths Exception: Two minimum 15-inch-wide breadboards may be provided in lieu of 30-inch-long work surface CBC 1133A.4	door swinging into bathroom Accessible switches, outlets, and controls per items 51 and 52 Reinforced walls per items 27, 33, and 39 allowing for future installation of grab bars at bathtubs, showers, and toilets All additional bathrooms complying with provisions listed above for accessible routes, doors, strike-edge clearance,

20. Specify repositionable countertops complying with the following at

10. Specify on door/gate schedule hand-activated opening hardware,

DPLU #639A REV 01/01/2011

switches, outlets, controls, and wall reinforcement

CBC 1134A.2

24.	Powder rooms within dwelling units shall comply with the following:	SHO	HOWERS
	 □ Where powder room is only toilet facility located on accessible level, it shall comply with all provisions per option 2 in item 23 □ Any other powder rooms shall comply with provisions for accessible routes, doors, strike-edge clearance, switches, outlets, controls, and wall reinforcement per option 2 in item 23 CBC 1133A.3 	30.	Dimension clear maneuvering space per the following at each accessible shower: ☐ Minimum 30-inches wide by 48-inches long outside shower ☐ Flush and parallel to control wall ☐ No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door
MA	NEUVERING SPACE		swing CBC 1134A.4 and CBC 1134A.5.4(3)
25.	Dimension maneuvering space per the following at each bathroom and powder room designed to comply with items 23 and 24: ☐ Allowing wheelchair user to enter, close door, use fixtures, reopen door, and exit ☐ Where door swings into bathroom or powder room, minimum 30-inch by 48-inch maneuvering space required within room and outside door swing ☐ Allowing positioning of wheelchair outside door swing as it closes ☐ Allowing use of all fixtures ☐ May include knee and toe space available beneath fixtures ☐ CBC 1134A.4	31.	 Dimension accessible shower stalls to comply with one of the following configurations: Minimum 42-inches wide by 48-inches deep with minimum 36-inch-wide entrance opening Minimum 60-inches wide by 30-inches deep with minimum 60-inch-wide entrance opening
BA	THTUBS		side <i>CBC 1134A.6(1,</i>
26.	Dimension clear floor space per the following at each accessible bathtub: ☐ Minimum 48-inches parallel and 30-inches perpendicular — measured from foot or drain end of bathtub — at side of bathtub or bathtub/shower combination ☐ No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door swing ☐ May use knee and toe space beneath lavatory		 Specify accessible shower stall floors complying with the following: Maximum 1:24 slope (4.2% gradient) in all directions Composed of Carborundum, grit-faced tile, or material providing equivalent slip-resistance CBC 1134A.6(2) Detail wall reinforcement complying with the following per CBC Figure 11A-9G(c) at accessible showers for future installation of
27.	□ No encroachment by toilets or cabinets beneath lavatories CBC 1134A.4 and CBC 1134A.5(1) Detail wall reinforcement complying with the following per CBC Figure 11A-9G(b) at accessible bathtubs for future installation of grab bars: □ At end walls of bathtub:		grab bars: ☐ Continuous in all shower walls ☐ Located minimum 32 inches and maximum 38 inches above floor ☐ Minimum 6-inch nominal height Exception: Showers installed with glass walls shall include reinforcement for future installation of floor-mounted or ceiling-
	 Located minimum 32 inches and maximum 38 inches above floor 		mounted grab bars CBC 1134A.6(4,
	 Extending minimum 24 inches from open edge of bathtub toward side wall Minimum 6-inch nominal height At side wall of bathtub: Located maximum 6 inches above bathtub rim Extending upward minimum 38 inches above floor Installed to allow installation of 48-inch-long grab bar with each end maximum 6 inches from each end wall Minimum 6-inch nominal height Exception: Bathtubs installed without surrounding walls shall include reinforcement for future installation of floor-mounted grab bars 		 Specify any shower thresholds shall comply with the following: Maximum 2-inch height with maximum 1:2 beveled slope (50% gradient) Exception: Maximum ½-high thresholds may have maximum 1:1 beveled slope (100% gradient) CBC 1134A.6(5, Specify shower faucet and mechanism controls complying with the following: Operable with maximum 5 pounds of force Operable with one hand and without tight grasping, pinching, or twisting of wrist Self-closing valves allowed if faucet remains open for minimum
28.	Specify bathtub faucet and mechanism controls complying with the following: Operable with maximum 5 pounds of force		10 seconds Exception: Shower spray units are not required in bathtubs CBC 1134.6(6)
	 Operable with one hand and without tight grasping, pinching, or twisting of wrist Self-closing valves allowed if faucet remains open for minimum 10 seconds Exception: Shower spray units are not required in bathtubs CBC 1134A.5(3) and CBC 1134A.5(4) 	36.	 Specify any enclosures provided for showers shall comply with the following: Any hinged doors swinging outward Shatter-resistant materials in doors and panels Glazing in doors and panels per one of the following: Minimum 1/8-inch-thick fully tempered glass
29.	Specify any enclosures provided for bathtubs shall comply with the following: Any hinged doors swinging outward Shatter-resistant materials in doors and panels Glazing in doors and panels per one of the following: Minimum 1/8-inch-thick fully tempered glass Minimum 1/4-inch-thick laminated glass		 Minimum 1/4-inch-thick laminated glass Shatter-resistant plastic CBC 1134A.6(7)

o Shatter-resistant plastic

CBC 1134A.5(5)

WATER CLOSETS 45. Detail toe clearance beneath accessible lavatories complying with the following: Minimum 30 inches wide 37. Dimension clear floor space per the following at each accessible water closet: Minimum 9 inches high Minimum 48-inches wide Minimum 17 inches deep from front edge Exception: Minimum 36-inch width acceptable for CBC 1134A.8(4) maximum 24-inch-deep lavatories, cabinets, wing walls, or 46. Specify one of the following configurations to ensure knee and toe privacy walls located immediately adjacent to toilet per CBC Figure 11A-9M clearances provided per items 44 and 45: Extending minimum 36 inches past front edge of toilet Space beneath lavatory shall be left clear and unobstructed Any cabinet beneath lavatory shall be removable without No door encroachment unless minimum 30-inch by 48-inch maneuvering space provided within bathroom outside door specialized toll or knowledge Doors to any cabinet beneath lavatory shall be removable or swina CBC 1134A.4 and CBC 1134A.7(1) openable such that required knee and toe clearance provided without obstruction CBC 1134A.8(4.3) 38. Dimension 18 inches (absolute) between centerline of water closet fixtures and adjacent side walls or partitions. 47. Specify the following for knee and toe clearances beneath Exception: Water closets in locations without adjacent walls accessible lavatories: shall be positioned to allow future installation of grab bar on Insulated hot water and drain pipes one side of fixture No sharp or abrasive surfaces CBC 1134A.7(1) Finished floor beneath lavatory shall extend to wall CBC 1134A.8(5) and CBC 1134A.8(6) 39. Detail wall reinforcement complying with the following per CBC Figure 11A-9G(a) at accessible water closet for future installation of Specify faucet and mechanism controls complying with the following: grab bars: Operable with maximum 5 pounds of force Located on both sides or one side and rear Operable with one hand and without tight grasping, pinching, or Rear wall reinforcement per the following: twisting of wrist Minimum 32 inches and maximum 38 inches above floor Self-closing valves allowed if faucet remains open for minimum Minimum 40-inch length 10 seconds Minimum 6-inch nominal height CBC 1134.8(7) Side wall reinforcement per the following: Minimum 32 inches and maximum 38 inches above floor 49. Specify any mirrors or towel fixtures shall be mounted with bottom Maximum 12 inches from rear wall edge maximum 40 inches above floor. Extending minimum 26 inches in front of water closet CBC 1134.8(8) Minimum 6-inch nominal height Exception: Water closets in locations without adjacent walls **LAUNDRY APPLIANCES** shall be positioned to allow future installation of floor-mounted, fold-away, or similar alternative grab bars 50. If washers and dryers are provided in covered multifamily dwelling CBC 1134A.7(2) units, specify at least one each type shall be accessible and frontloading. 40. Dimension minimum 15-inch height of accessible water closet seats Exception: Where front-loading washers not provided, above floor management shall provide assistive devices - on request of occupant - for use with top-loading washers CBC 1134A.7(3) CBC 1135A.1 41. Specify water closet controls complying with the following: Mounted maximum 44 inches above floor **MISCELLANEOUS** Operable with maximum 5 pounds of force Operable with one hand and without tight grasping, pinching, or 51. Specify controls and operating mechanisms shall comply with the twisting of wrist following: Minimum 15 inches and maximum 48 inches high above floor CBC 1134A.7(4) and within reach rangers per accessibility correction list 5A Operable with maximum 5 pounds of force **LAVATORIES** Operable by single effort and without tight grasping, tight 42. Dimension location of accessible lavatories to comply with the pinching, or twisting of the wrist following: Exception: Appliances – including stoves, dishwashers, range Where forward approach allowed, minimum 18 inches from hoods, microwaves - having controls on the appliance centerline of fixture to adjacent wall or fixture CBC 1136A.2 Where parallel approach required, minimum 24 inches from centerline of fixture to adjacent wall or fixture 52. Specify any electrical switches or outlets in common-use areas shall Top of fixture rim maximum 34 inches above floor be located per the following: CBC 1134A.8(1) Minimum 15 inches from bottom of receptacle/outlet box to finished floor 43. Dimension clear maneuvering space per the following at each Maximum 48 inches from top of receptacle/outlet box to accessible lavatory: finished floor Minimum 30 inches by 48 inches centered on lavatory Within reach ranges per accessibility correction list 5A No door encroachment unless minimum 30-inch by 48-inch Exception: Receptacle outlets installed as part of permanent maneuvering space provided within bathroom outside door baseboard heaters are exempt from height and reach limits Exception: Required receptacle outlets allowed in floors when

44. Detail knee clearance beneath accessible lavatories complying with the following:

■ Minimum 30 inches wide

☐ Minimum 8 inches deep

DPLU #639A REV 01/01/2011

 Minimum 29 inches at front face reducing to minimum 27 inches at point 8 inches back from front edge

CBC 1134A.8(4)

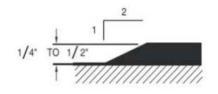
CBC 1134A.4 and CBC 1134A.8(2)

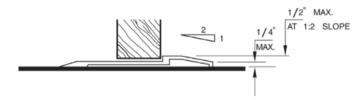
adjacent to sliding panels or walls

outlets are exempt from minimum height limits

Exception: Baseboard electrical outlets used in relocatable partitions, window walls, or other electrical convenience floor

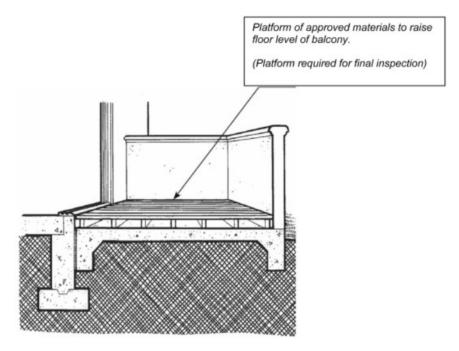
CBC 1136A.1



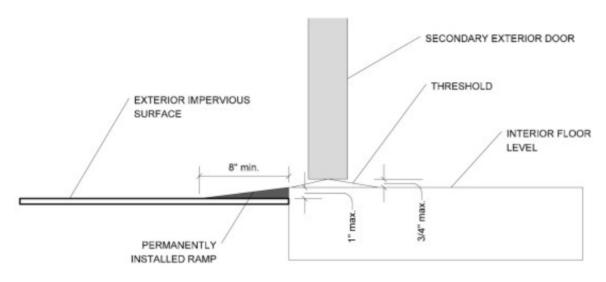


CBC FIGURE 11A-1C(d) - CHANGE IN LEVEL

CBC FIGURE 11A-8I - THRESHOLD



CBC FIGURE 11A-8J - PLATFORM AT SECONDARY EXTERIOR DOOR

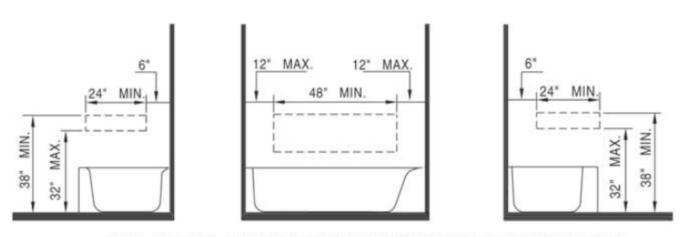


CBC FIGURE 11A-8K - RAMP AT SECONDARY EXTERIOR DOOR

THESE FIGURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.
THEY ARE NOT INTENDED FOR REPRODUCTION AS PLAN DETAILS.
IF CONFLICTS EXIST BETWEEN THESE FIGURES AND THE TEXT
OF THE CALIFORNIA BUILDING CODE, THE CODE TEXT SHALL GOVERN.

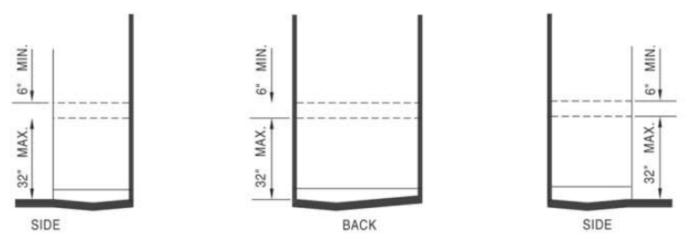


CBC FIGURE 11A-9G(a) - WALL REINFORCEMENT FOR FUTURE GRAB BAR INSTALLATION AT ADAPTABLE WATER CLOSET



NOTE: THE AREA OUTLINED IN DASHED LINES REPRESENT LOCATIONS FOR FUTURE INSTALLATION OF GRAB BARS FOR TYP. FIXTURE CONFIGURATIONS

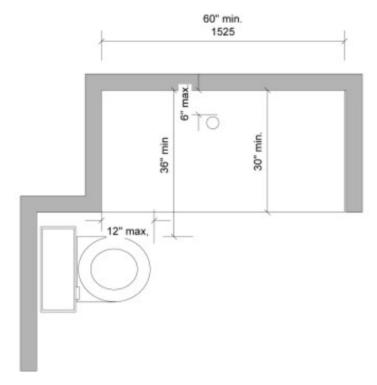
CBC FIGURE 11A-9G(b) - WALL REINFORCEMENT FOR FUTURE GRAB BAR INSTALLATION AT ADAPTABLE BATHTUB



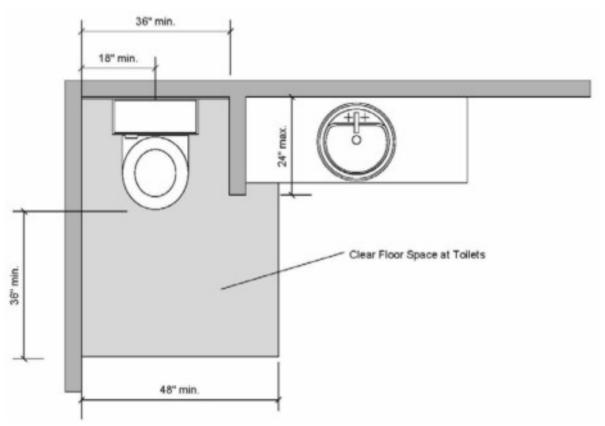
NOTE: THE AREA OUTLINED IN DASHED LINES REPRESENT LOCATION FOR FUTURE INSTALLATION OF GRAB BARS

CBC FIGURE 11A-9G(c) - WALL REINFORCEMENT FOR FUTURE GRAB BAR INSTALLATION AT ADAPTABLE SHOWER

THESE FIGURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.
THEY ARE NOT INTENDED FOR REPRODUCTION AS PLAN DETAILS.
IF CONFLICTS EXIST BETWEEN THESE FIGURES AND THE TEXT
OF THE CALIFORNIA BUILDING CODE, THE CODE TEXT SHALL GOVERN.



CBC FIGURE 11A-9L - SHOWER WITH ADJACENT WATER CLOSET



CBC FIGURE 11A-9M - WING WALL OR CABINET AT WATER CLOSET

THESE FIGURES ARE FOR ILLUSTRATIVE PURPOSES ONLY.
THEY ARE NOT INTENDED FOR REPRODUCTION AS PLAN DETAILS.
IF CONFLICTS EXIST BETWEEN THESE FIGURES AND THE TEXT
OF THE CALIFORNIA BUILDING CODE, THE CODE TEXT SHALL GOVERN.